

Public Works Facility Fence

1/7/2016

City of Gallatin

1.0 Introduction

The City of Gallatin is seeking bids for installation of black vinyl coated chain link fence and gates for the Public Works Department. Bids will be due on January 26th, 2016 at 2:00 pm in a sealed envelope clearly marked: **Public Works Facility Fence**

1.1 Scope of Work

The City of Gallatin seeks to have approximately 210 LF of 5' high black vinyl coated chain link w/ 3 strand polymer coated barb wire fence, 3100 LF of 6' high black vinyl coated chain link w/ 3 strand bar wire fence, (1) 25' cantilever slide gate, (5) 20' cantilever slide gates, (2) 10' cantilever slide gates, (1) 5' swing gate, and all pertinent hardware. All fence and hardware shall be black. All grading and brush removal for work, will be done before project start by the City of Gallatin.

2.0 Vendor Requirement

Vendor shall deliver f.o.b. to Gallatin, TN.

Vendor must complete attached Price Sheet.

ALL SUBMISSIONS MUST BE SEALED AND CLEARLY MARKED:
"Public Works Facility Fence"

3.0 Evaluation of Proposals

The City of Gallatin will award the contract to lowest responsible and responsive bidder meeting specifications, quality, and performance standards pursuant to the Municipal Purchasing Act of 1983. Response will be based on the following factors;

- Completeness of response
- Cost
- Vendor track record, including references
- Quality of service
- Quality of product

4.0 Technical Requirements (Minimum)

- A. Fence and gate layout will be approximately as shown in Exhibit A. Corners and end point locations will be provided by Gallatin Public Works. All clearing and grading for preparation of fence will be performed by Gallatin Public Works.
- B. Dimensions and Specifications of fence shall be equal to that shown in Exhibit B, C, and below.
- C. Chain link fence fabric shall be Class 2B fused and bonded and have minimum 9 gauge core wire with maximum 1 ¾ inch mesh size. Vinyl coating shall be black.
- D. All posts, rails, tension bars, and other appurtenances shall be polymer coated Class 2B black compliant with ASTM F1043. Posts shall be set in minimum footing of 24 inch depth, plus additional 3 inch depth for each 1 ft increase in fence height over 4 ft. Footing diameter shall be four times the largest cross section of the post.
- E. Barbed wire shall be comply with ASTM A121, Design Number 12-4-5-14R, double 12-½ gauge (0.099 in) twisted strand wire, with 4 point 14 gauge (0.080 in) round barbs spaced 5 inches on center.
- F. Polymer coated barb wire shall comply with ASTM F1665, 14 gauge (0.80 in) double twisted galvanized steel strand core wire; zinc coated steel or aluminum alloy four point, 14 gauge (0.080 in) barbs spaced 5 inches on center. Black. Class 2B fused and bonded.
- G. Tie Wire and Hog Rings: Galvanized minimum zinc coating 1.20 oz/ft² 9 gauge (0.148 in) steel wire in compliance with ASTM F626 and polymer coated class 2B black.
- H. Swing Gates: Galvanized steel pipe welded fabrication in compliance with ASTM F900. Gate frame members 1.900 in. OD [ASTM F 1083 schedule 40 galvanized steel pipe] or [ASTM F1043 Group IC WT 40 galvanized steel pipe] Frame members spaced no greater than 8 ft apart vertically and horizontally. Welded joints protected by applying zinc-rich paint in accordance with ASTM Practice A780. Positive locking gate latch, pressed steel galvanized after fabrication. Galvanized malleable iron or heavy gauge pressed steel post and frame hinges. Provide lockable drop bar and gate holdbacks with double gates. [Match gate fabric to that of the fence system] Gateposts per ASTM F1083 schedule 40 galvanized steel pipe. <2.875 in diameter, 5379 lb/ft weight> [Polymer coated gate frames and gateposts, class 2B black]. Moveable parts such as hinges, latches and drop rods may be field coated using a liquid polymer touch up]
- I. Cantilever Slide Gates: In compliance with ASTM F1184 Type II Class 2-Internal Roller Design: Gate frame fabricated by welding, vertical and horizontal members installed no greater than 8 ft. apart. Class 2 cantilever slide gates to comply with the performance deflection criteria listed in ASTM F1184. Gates designed to open or close by applying an initial pull force no greater than 40 lbs. Internal truck assemblies designed to handle the forces required for gate size opening and height. Match chain link fabric to that of the fence system.

Gateposts, 4.000 in O.D. schedule 40 pipe per ASTM F1083. All materials shall be Polymer coated class 2B black

- J. Clean Up: The area of the fence line shall be left neat and free of any debris caused by the installation of the fence.

5.0 Contract Award

The City of Gallatin reserves the right to reject any or all proposals and to waive any informality found therein. The City of Gallatin will award a contract based on evaluations described above.

6.0 Question Submissions

Public Works Office

Attn: Zach Wilkinson

641 Long Hollow Pike

Gallatin TN 37066

Telephone: 615-533-8704

7.0 Proposal Submission

BID DUE DATE: January 26th 2016 @2:00 pm

Proposals shall be directed to the attention of:

Finance Department

Attn: J.R.Smith, Jr

132 West Main Street

Gallatin, TN 37066

Telephone: 615-451-5963

Price Sheet 1

ITEM	QUANTITY	UNIT PRICE	TOTAL
5' high black vinyl coated chain link w/ 3 strand polymer coated barb wire fence	210 LF		
6' high black vinyl coated chain link w/ 3 strand bar wire fence	3100 LF		
25' cantilever slide gate	1		
20' cantilever slide gate	5		
10' cantilever slide gate	2		
5' swing gate	1		

TOTAL: \$ _____

Name of Company: _____

Address: _____

Telephone: _____

Signature: _____

Print Name: _____

Title: _____

Price Sheet 2

ITEM	QUANTITY	UNIT PRICE	TOTAL
5' high black vinyl coated chain link w/ 3 strand polymer coated barb wire fence	210 LF		
6' high chain link w/ 3 strand bar wire fence	3100 LF		
25' cantilever slide gate	1		
20' cantilever slide gate	5		
10' cantilever slide gate	2		
5' swing gate	1		

TOTAL: \$ _____

Name of Company: _____

Address: _____

Telephone: _____

Signature: _____

Print Name: _____

Title: _____

Price Sheet 3

ITEM	QUANTITY	UNIT PRICE	TOTAL
5' high chain link w/ 3 strand barb wire fence	210 LF		
6' high chain link w/ 3 strand bar wire fence	3100 LF		
25' cantilever slide gate	1		
20' cantilever slide gate	5		
10' cantilever slide gate	2		
5' swing gate	1		

TOTAL: \$ _____

Name of Company: _____

Address: _____

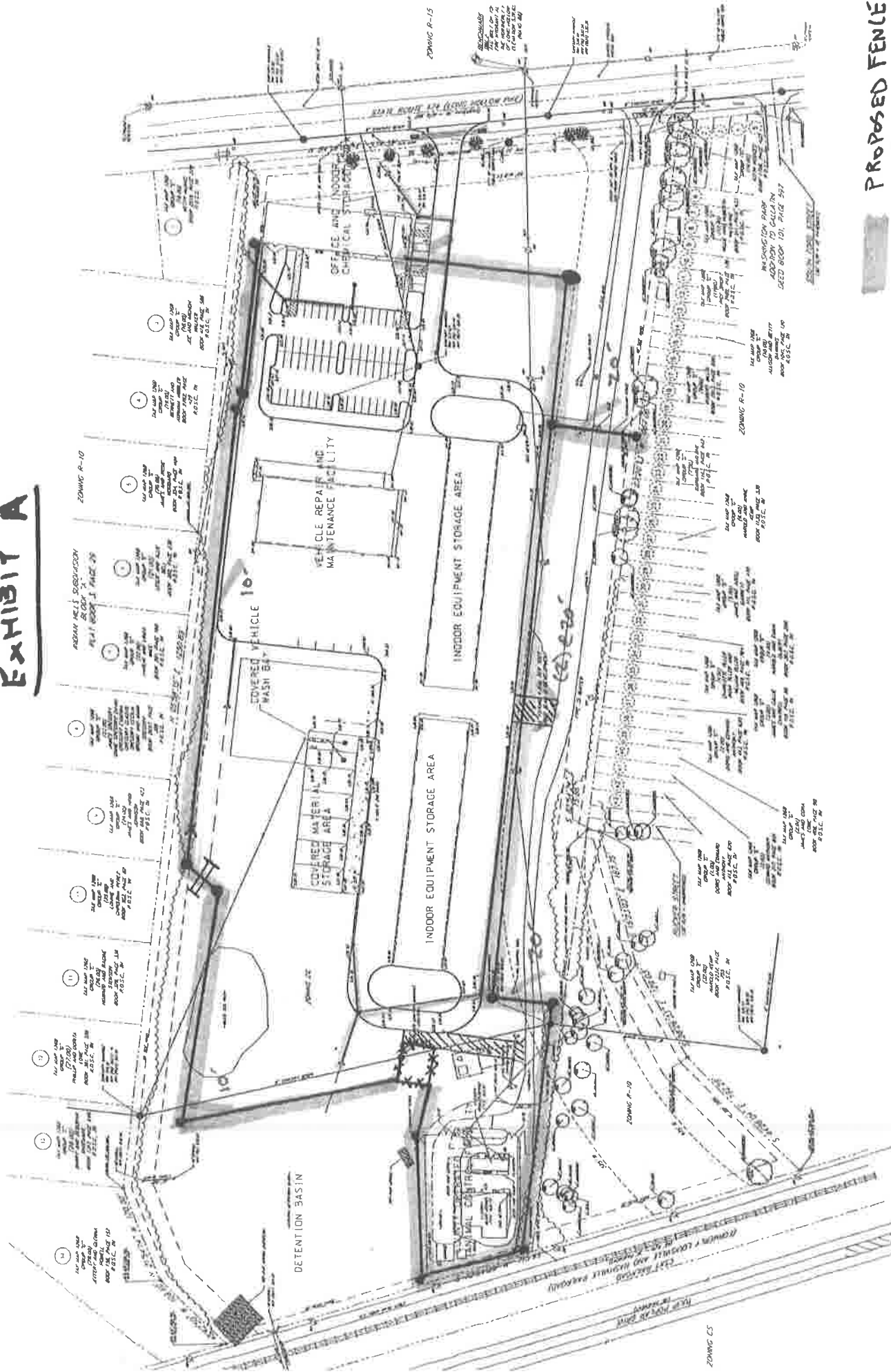
Telephone: _____

Signature: _____

Print Name: _____

Title: _____

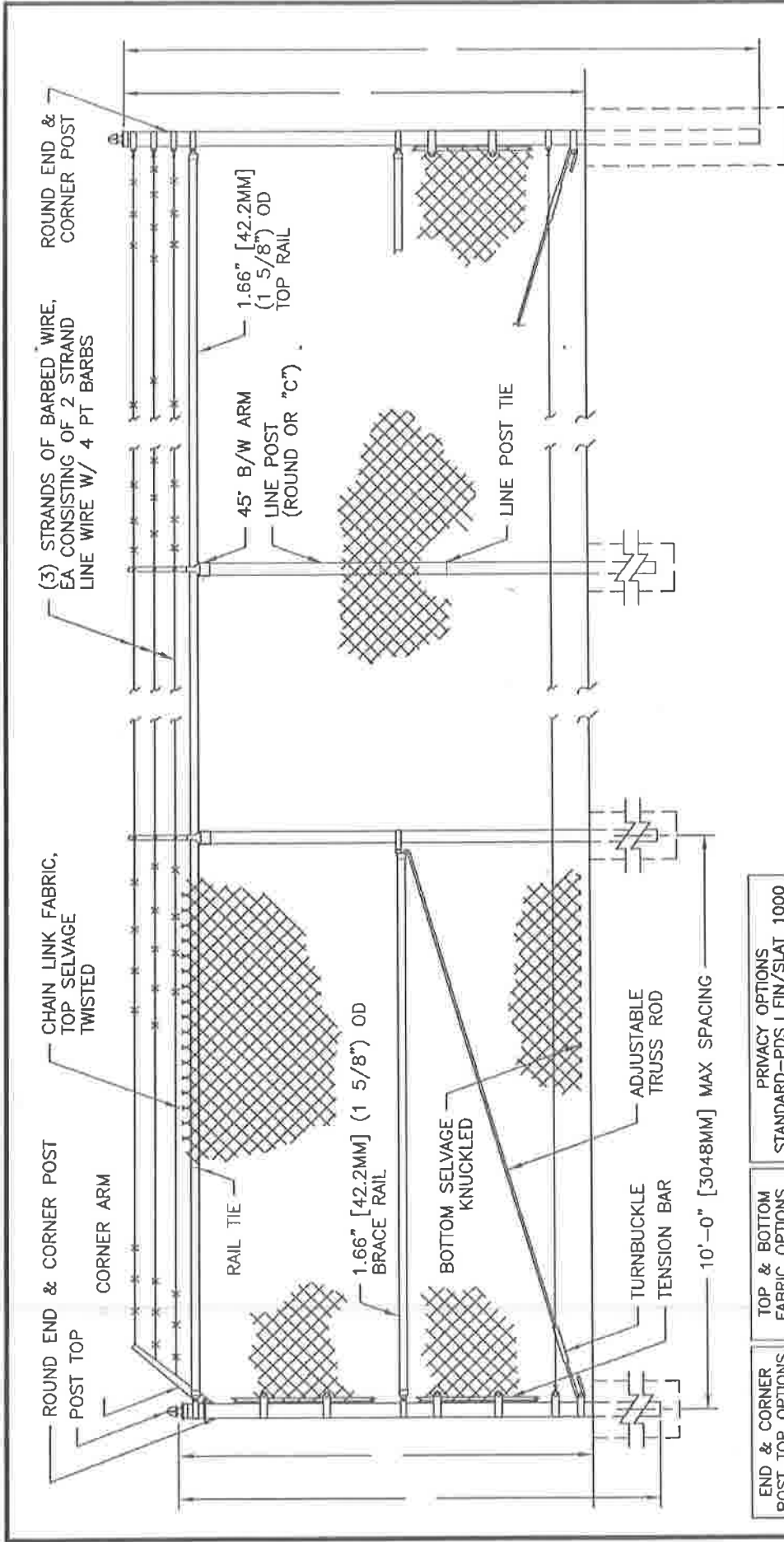
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- CANTILEVER
- SLIDING GATES

PROPOSED FENCE
PROPOSED GATE

EXHIBIT B



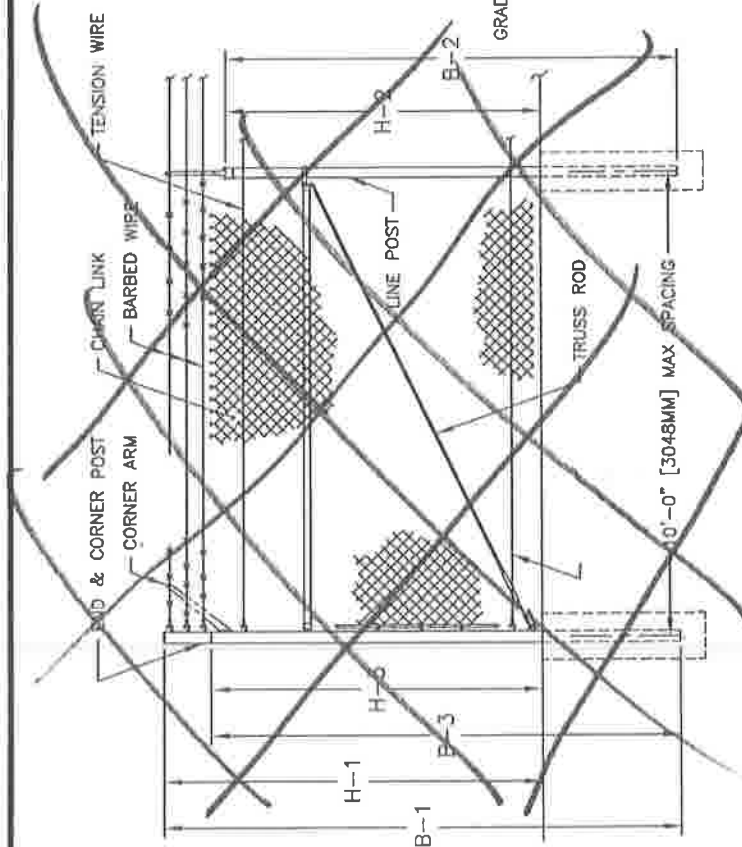
FENCE SECTION ELEVATION - ROUND END POSTS

- NOTES:
1. METRIC DIMENSIONS ARE NOMINAL EQUIVALENTS TO U.S. DIMENSIONS.
 2. ~~FOR CONSTRUCTION OF THIS FENCE, THE FOLLOWING SPECIFICATIONS SHALL BE USED:~~
 3. FOOTING WIDTH TO BE (4)X POST WIDTH. MINIMUM DEPTH 36" [914MM].

END & CORNER POST TOP OPTIONS		TOP & BOTTOM FABRIC OPTIONS		PRVACY OPTIONS	
STANDARD		TWIST			
KNUCKLE		KNUCKLE			

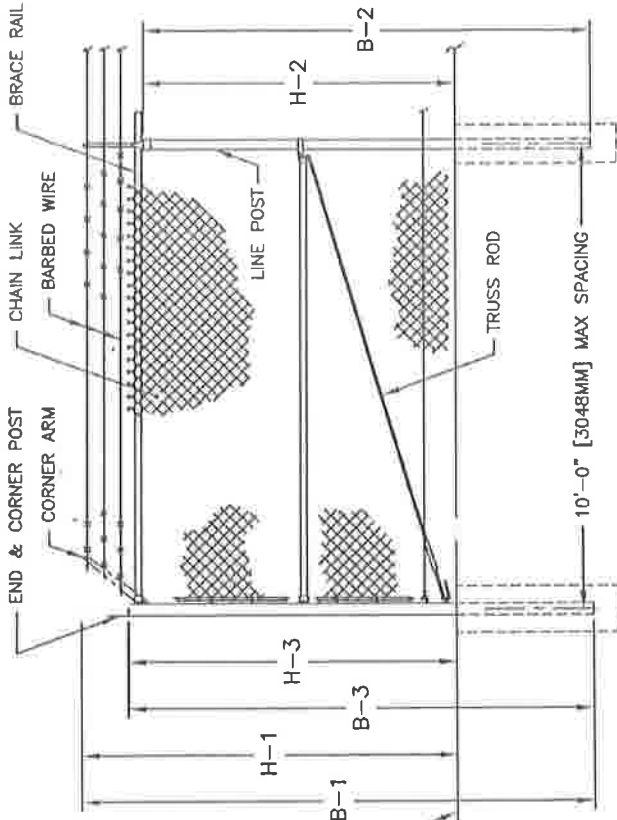
TYPICAL HIGH FENCE		BY:	DWG:	1-1140
		DATE:		
ROUND END POSTS, WITH TOP RAIL & WITH BARBED WIRE		REV:	LAYER:	1
		REV DATE:	SCALE:	3/8" = 1'-0"

EXHIBIT C



FENCE SECTION ELEVATION

WITHOUT TOP RAIL & WITH BARBED WIRE



FENCE SECTION ELEVATION

WITH TOP RAIL & WITH BARBED WIRE

FENCE HEIGHT		UPRIGHT END & CORNER POSTS		LINE POSTS		CORNER POSTS WITH CORNER ARM	
NOM HT INCLUDING BARBED WIRE	B-1	BAR LENGTH	HEIGHT ABOVE GRADE	B-2	HEIGHT ABOVE GRADE	B-3	H-3
7'-0" [2134MM]	10'-0" [3048MM]	7'-0" 5/8" [2150MM]	7'-0" 5/8" [2150MM]	8'-8" [2642MM]	5'-8" 7/8" [1749MM]	9'-0" [2743MM]	6'-0" 5/8" [1845MM]
8'-0" [2438MM]	11'-0" [3353MM]	8'-0" 5/8" [2450MM]	8'-0" 5/8" [2450MM]	9'-8" [2946MM]	6'-8" 7/8" [2054MM]	10'-0" [3048MM]	7'-0" 5/8" [2150MM]
9'-0" [2743MM]	12'-0" [3658MM]	9'-0" 5/8" [2759MM]	9'-0" 5/8" [2759MM]	10'-8" [3251MM]	7'-8" 7/8" [2359MM]	11'-0" [3353MM]	8'-0" 5/8" [2454MM]
10'-0" [3048MM]	13'-0" [3962MM]	10'-0" 5/8" [3064MM]	10'-0" 5/8" [3064MM]	11'-8" [3556MM]	8'-8" 7/8" [2667MM]	12'-0" [3658MM]	9'-0" 5/8" [2759MM]
11'-0" [3353MM]	14'-0" [4267MM]	11'-0" 5/8" [3369MM]	11'-0" 5/8" [3369MM]	12'-8" [3861MM]	9'-8" 7/8" [2969MM]	13'-0" [3962MM]	10'-0" 5/8" [3064MM]
12'-0" [3658MM]	15'-0" [4572MM]	12'-0" 5/8" [3674MM]	12'-0" 5/8" [3674MM]	13'-8" [4166MM]	10'-8" 7/8" [3273MM]	14'-0" [4267MM]	11'-0" 5/8" [3369MM]

NOTES:
1. THIS DWG CORRESPONDS WITH DWGS 1-1120 & 1-1140.

BY:		DWG:	1-1001
DATE:		LAYER:	1
REV:		SCALE:	1/4" = 1'-0"
DIMENSIONS & SPECIFICATIONS			